

SMALL BATTERY DRIVE SET

MANUFACTURER: SYNTHES, INC.

Manufacturer Model# 105.955

Manufacturer's PHONE: (610) 719-5000 FAX: (310) 719-6544

Manufacturer's Website: <http://www.synthes.com/sites/na/Pages/home.aspx>

Item Web Link:

<http://www.synthes.com/sites/NA/Products/PowerTools/ElectricBatteryPoweredSystems/Pages/home.aspx>

AAC 'L' ITEM NSN 6515-01-498-1935

UAs: N320, P417

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$36,816.00

System Description: The Small Battery Drive is indicated for most orthopaedic trauma applications, including drilling, sawing, inserting K-wires, DHS® (Dynamic Hip Screws), DCS® (Dynamic Compression Screws) and intramedullary reaming.

Features:

- Variable speed: 0–3200 rpm
(max. speed varies by attachment)
- Maximum oscillating speed: 14,000 oscillations per minute
- Maximum torque: 0–6.0 Nm (newton meters)
(max. torque varies by attachment)
- Weight, including 12V battery: 810 gm (1.78 lb)
- Cannulation: 3.2 mm (0.125 inch)
- Attachment release buttons: allows easy exchange of attachments
- Attachment coupling: accepts a wide variety of attachments
- Instant-reverse or oscillation trigger: reverses rotation to counter-clockwise direction or activates oscillation mode
- Release buttons for battery casing: allows easy intraoperative battery exchange
- Battery casing: holds battery in sterile environment
- Mode switch: turns drive off for safe attachment exchange and selects "on" or "oscillation" mode
- Large Jacob's chuck accepts K-wires and Steinmann pins with round shafts from 1.0mm to 6.0mm diameter or triangular shafts up to 6.5mm diameter

NOTE: IMPORTANT: DO NOT STERILIZE BATTERIES! BATTERIES WILL NO LONGER FUNCTION



SMALL BATTERY DRIVE
PART # 105.955
NSN 6515014981935



BATTERY 12VDC
PART # 532.003

Front view



- 1 Charging bays (4)
- 2 Symbols for battery type
- 3 ON/OFF display
- 4 Control display for each charging bay
- 5 Ventilation holes

UNIVERSAL BATTERY CHARGER II

PART # 05.001.204

NSN 6130015844125

Front View

Rear view



- 6 Ventilation holes
- 7 Power switch
- 8 Fuses: 225 AT
- 9 Power cord connection

UNVIERSAL BATTERY CHARGER II

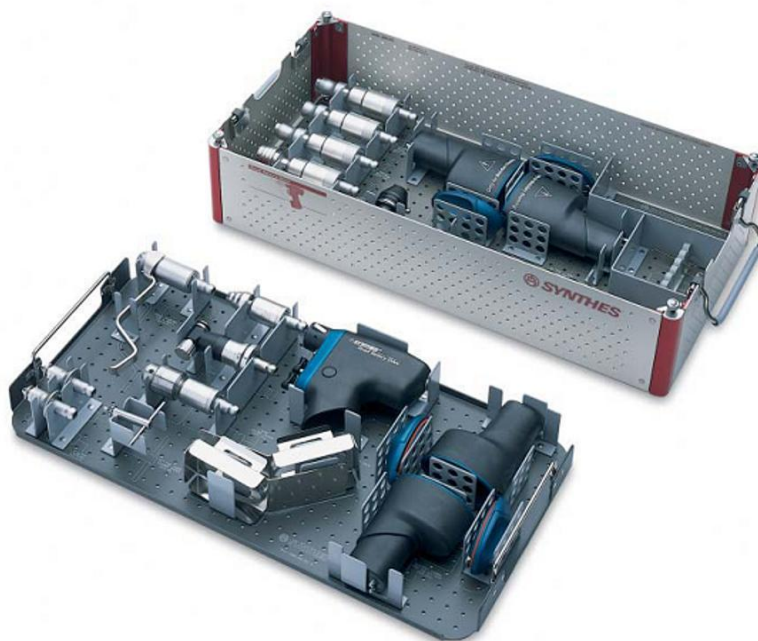
PART # 05.001.204

NSN 6130015844125

Rear View



LARGE JACOBS CHUCK WITH KEY
PART # 05.001.253



GRAPHIC CASE FOR SMALL BATTERY DRIVE SET
Case shown includes p/n's 60.550.010, 60.550.012, and 60.550.013



COUPLING, QUICK, DRILL LARGE EI 6515014981935
PART # 532.015
NSN 6515015716633



SAGITTAL SAW ATTACHMENT
PART # 532.021
NSN 6515015716621



*Mode switch turns drive
off for safe attachment
exchange and selects "on"
or "oscillation" mode*

SMALL BATTERY DRIVE & BATTERY CASING FOR 12V BATTERY
PART # 532.010 & 532.002
NSN 6515015696981 & 6515015696968



COUPLING QUICK FOR K-WIRES
PART # 532.022
NSN 6515015714520



MINI QUICK COUPLING & STRYKER J-LATCH COUPLING
PART # 532.011 & 532.012
NSN 6515015696978 & 6515015696993



SMALL BATTERY DRIVE DETAIL
PART # 532.002
NSN 6515015696968



BATTERY INSERTION SHIELD
PART # 532.004
NSN 6515015695913



532.015 Large Quick Coupling
Cannulation: 3.2 mm
Accepts DHS and DCS triple reamers,
screwdriver shafts and cannulated drill bits
with large quick coupling fitting

LARGE QUICK COUPLING
PART # 532.015
NSN 6515015716633



05.001.250 AO Quick Coupling for Drill Bits
 Cannulation: 2.1 mm
 Accepts cutting tools and instruments with
 the AO quick coupling fitting

AO QUICK COUPLING FOR DRILL BITS
PART # 05.001.250



60.550.010, 60.550.011, and 60.550.012

Graphic Case

60.550.010 Base Assembly for Small Battery Drive Graphic Case
 60.550.011 Lid for Small Battery Drive Graphic Case
 60.550.012 Attachment Rack for Small Battery Drive Graphic Case

BASE ASSEMBLY, LID, AND ATTACHMENT RACK
PART # 60.550.010/11/12



60.550.013

Insert Tray for 12 V Battery Casings



60.550.016

Insert Tray for Small Battery Drive
Handpiece and Radiolucent Drive

INSERT TRAYS
PART # 60.550.013 & 60.550.016

**SMALL BATTERY DRIVE SET
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	2.1 lbs
Ship Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	
Storage Temp		
Operating Temp		0 to 50 °C (32 to 122 °F)
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	See Notes	
Notes	<p>Battery properties:</p> <ul style="list-style-type: none"> • Capacity: 0.5 Amp hours • Type: NiCd • Working temperature: 0°C to 50°C (32°F to 122°F) • Discharge protection: prevents total battery discharge, eliminating memory effect, maintaining battery capacity, and increasing battery life <p>12 VDC Battery (532.003)</p> <ul style="list-style-type: none"> • Charging time: 30 minutes maximum • Indications include drilling, sawing, and inserting K-wires <p>14.4 VDC Battery (532.033)</p> <ul style="list-style-type: none"> • Charging time: 40 minutes maximum • Indications include DHS, DCS, and intramedullary reaming <p>• DO NOT STERILIZE BATTERIES! BATTERIES WILL NO LONGER FUNCTION</p>	

**SMALL BATTERY DRIVE SET
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Synthes, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515014981935		Small Battery Drive Set	105.955		1	EA	\$36,816.00	\$36,816.00	N/A
	Awaiting NSN	Attachment Rack for Graphic Case Small Battery Drive	60.550.012		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Base Assembly for Graphic Case Small Battery Drive	60.550.010		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Chuck, Large Jacobs, with Key	05.001.253		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Insert Tray for 12V Battery Casings Graphic Case for Small Battery Drive	60.550.013		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Insert Tray for SBD Handpiece And Radiolucent Drive Graphic Case Small Battery Drive	60.550.016		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Lid for Graphic Case Small Battery Drive	60.550.011		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
	Awaiting NSN	Quick Coupling for Drill Bits, AO/ASIF	05.001.250		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6130015844125		Charger Universal Battery Charger II	05.001.204		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515014946102		Battery Drive Small 12V 1.0 Amp Hr Cap	532.003		2	EA	Incl w/NSN 1935	Incl w/NSN 1935	36
6515015695913		Shield Battery Insertion use w/6515014981935	532.004		2	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015696968		Battery Casing Surgical Drill Drive use w/end item 6515014981935	532.002		2	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015696978		Coupling Mini Quick Drill f/6515014981935	532.011		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015696981		Small Battery Drive f/6515014981935	532.010		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015696993		Coupling J-Latch Battery Drive f/6515014981935	532.012		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015714520		Quick Coupling for K- Wires	532.022		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015716621		Sagittal Saw Attachment	532.021		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A
6515015716633		Large Quick Coupling	532.015		1	EA	Incl w/NSN 1935	Incl w/NSN 1935	N/A

**SMALL BATTERY DRIVE SET
ADDITIONAL NOTE:**

IMPORTANT: DO NOT STERILIZE BATTERIES! BATTERIES WILL NO LONGER FUNCTION

**SMALL BATTERY DRIVE SET
WEB LINKS**

[Click Below for User's Manual](#)

<<http://www.synthes.com/MediaBin/US%20DATA/Product%20Support%20Materials/User%20Guides%20and%20Manuals/SUSA/SUMANSsmallBattGuideJ2968G.pdf>>

